

## Physical Herding

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Objective:	To free any oil trapped in debris or vegetation on water; to direct floating oil towards containment and recovery devices; or to divert oil from sensitive areas.
Description:	Plunging water jets, water or air hoses, and propeller wash can be used to dislodge trapped oil and divert or herd it to containment and recovery areas. May emulsify the oil. Mostly conducted from small boats.
Applicable Habitat Types:	In nearshore areas where there are little or no currents, and in and around man-made structures such as wharves and piers.
When to Use:	In low-current or stagnant water bodies, to herd oil toward recovery devices. In high-current situations to divert floating oil away from sensitive areas.
Biological Constraints:	When used nearshore and in shallow water, must be careful not to disrupt bottom sediments or submerged aquatic vegetation.
Environmental Effects:	May generate high levels of suspended sediments and mix them with the oil to deposit contaminated sediments in benthic habitats.
Waste Generation:	None.